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SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT



**VITAL RECORDS COPY
KH-4 MISSION 1040
30 MARCH - 8 APRIL 1967**

PART III

TCS-80224/67
APRIL 1967
COPY 198
49 PAGES

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Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM
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WARNING

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TARGET CATEGORIES

1. GUIDED MISSILES *
 - A. ICBM Deployment
 - B. IRBM and MRBM (including search areas)
 - C. Research and Development (including space)
 - D. Production Facilities (including test)
 - E. Suspect Missile (Search area or undetermined activity)
 - F.
 - G. Naval Launched Missiles
 - H. Anti-Missile Missile
 - I. SAM Sites
 - J. Short Range Surface-to-surface Missiles
 - K. Missile support/storage areas
 - L. SAM Training Complexes
2. AIRCRAFT
 - A. Long Range Bases
 - B. Production Facilities (including R and D)
 - C. Airfields
3. NUCLEAR ENERGY
 - A. Test Area
 - B. Production
 - C. Stockpiles
 - D. Research Institutes
 - E. Suspect Activity
4. NAVAL ACTIVITY
 - A. Operating Bases
 - B. Production Yards
 - C. Commercial Ports
 - D. Locks and Canals
5. BIOLOGICAL/CHEMICAL WARFARE
 - A. BW/CW Test Areas (including test)
 - B. Production
 - C. Storage
 - D. Research Institutes
 - E. Suspect Activity
6. ELECTRONICS
 - A. Missile Tracking Facilities
 - B. Electronics (general)
7. MILITARY
 - A. Military Installations
 - B. Special Area
 - C.
 - D. Landing Beaches
8. URBAN/INDUSTRIAL
 - A. Complexes
 - B. Industrial Plants
 - C. Geodetic Control Points
9. OTHER
 - A. Unidentified Installations

* Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

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PREFACE

THIS IS THE THIRD OF SEVERAL OAK SUPPLEMENT REPORTS ON MISSION 1040 AND PROVIDES INFORMATION ON THE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS NOT INCLUDED IN THE OAK REPORTS FOR THIS MISSION. THIS REPORT ALSO CONTAINS PREVIOUSLY REPORTED NON-COMOR TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE (OB) INFORMATION, AND TARGETS WHICH ARE EITHER NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC. A LISTING OF COMOR TARGET CATEGORIES APPEARS ON THE INSIDE OF THE FRONT COVER.

TARGETS ARE ARRANGED BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. PREVIOUSLY REPORTED NON-COMOR TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES. AN ALPHABETIC LISTING OF COUNTRY CODES IS INCLUDED ON THE INSIDE OF THE BACK COVER.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR LIMITING CONDITIONS AFFECTING PHOTOGRAPHY ARE C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMITDARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHemeris DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

AN INDEX TO ALL TARGETS IN THE SUPPLEMENT WILL BE INCLUDED IN THE LAST EDITION. FOR TRACK MAPS, SEE TCS-80219-80221/67, THE OAK REPORTS FOR THIS MISSION. SEE TCS-80222 AND 80223/67 FOR THE FIRST TWO OAK SUPPLEMENT REPORTS.

Highlights

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HIGHLIGHTS

1. AN ESV TRACKING FACILITY, 0.5 NM NORTH OF KOLPASHEVO, USSR, CONTAINS AN APPROXIMATELY 50-FT DIAMETER ENVIRONMENTAL DOME MOUNTED ON A BUILDING, A CONTROL BUILDING WITH 4 PROBABLE TELEMETRY ANTENNAS MOUNTED ON TOP, 1 PROBABLE CALIBRATION TOWER, 2 DOUBLE DAY-NIGHT RHOMBICS, AND NUMEROUS MASTS.

A TRACKING FACILITY IS NEWLY IDENTIFIED 1 NM NORTH OF ABEZ, USSR. THE FACILITY CONSISTS OF AN APPROXIMATELY 80-FT DIAMETER ENVIRONMENTAL DOME SITUATED AT OR NEAR GROUND LEVEL.

A TALL KING FACILITY IS NEWLY IDENTIFIED 17 NM NE OF SMIDOVICH, USSR.

STATUS OF TARGET READOUT

THIS SUPPLEMENT REPORTS ON 56 COMOR TARGETS, 2 NON-COMOR TARGETS, AND 7 BONUS TARGETS.

Missiles

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25X1A

MISSILES

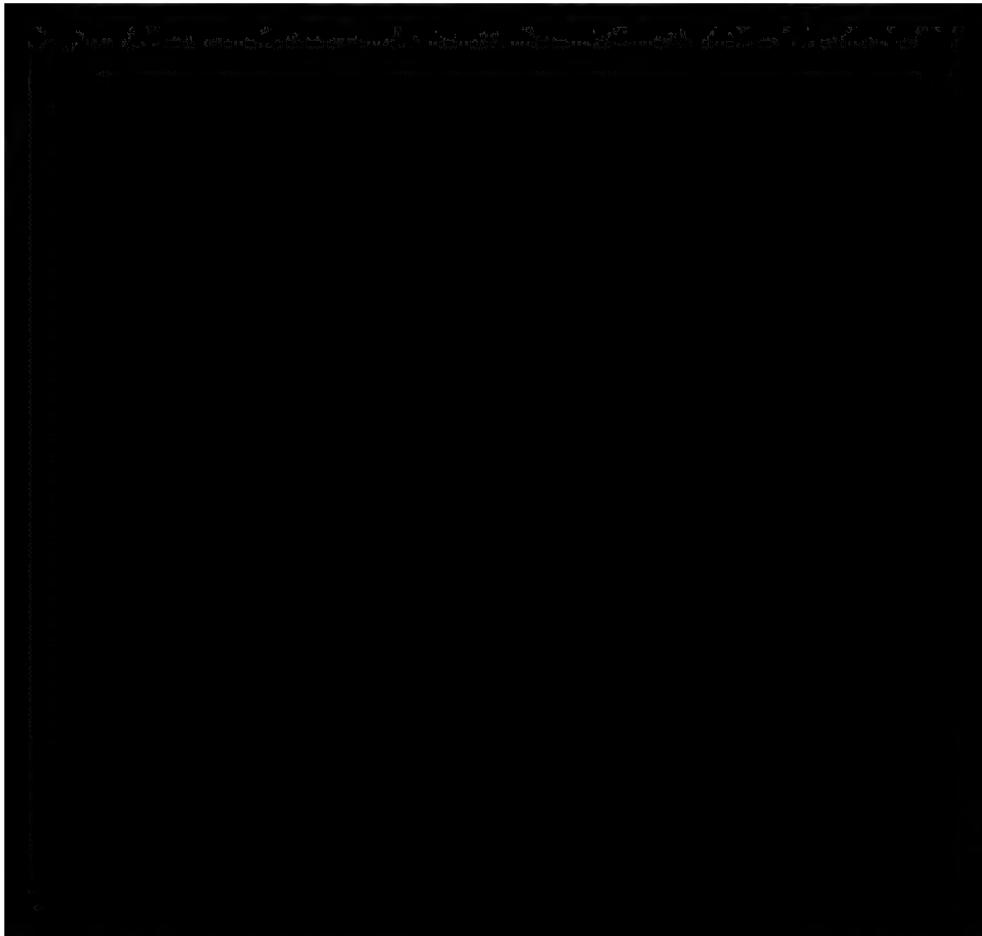
VERKHNYAYA SALDA ICBM COMPLEX

UR 5802N 06024E



ALL COMPONENTS OF THE COMPLEX ARE INTERPRETABLE. AT LAUNCH SITES 4 AND 9, VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



25X1A

YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E



ALL 6 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

25X1D



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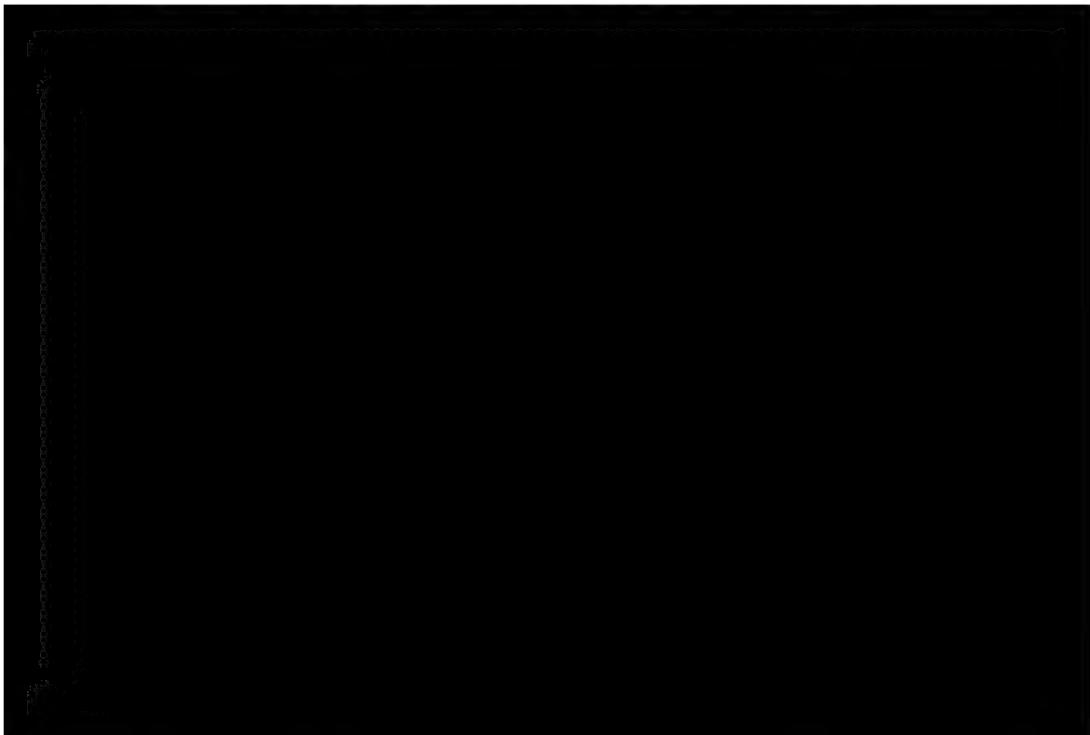
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25X1D



25X1A

25X1D SVOBODNYY ICBM COMPLEX

UR 5146N 12806E



FIFTY TYPE IID LAUNCH SITES (INCLUDING 1 POSSIBLE, 2 PROBABLE, AND 4 NEWLY IDENTIFIED WHICH ARE REPORTED IN PART II OF THE OAK [REDACTED] 7 25X9 TYPE II SITES, 1 TYPE IIIA SITE, THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD TRANSFER POINT [REDACTED] 25X9 [REDACTED] ARE INTERPRETABLE.

CONSTRUCTION IS PROGRESSING IN THE RAIL TRANSFER POINT, THE PROPELLANT STORAGE FACILITY, AND THE MISSILE HANDLING AREA. A LONG UNIDENTIFIED VEHICLE IS OBSERVED ON THE RIGHT LAUNCH PAD AT SITE 1. INTERSITE CABLING IS BEING INSTALLED IN GROUP I. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IID LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP I -- ALL 10 SITES (10-12, 14-17, AND 21-23) ARE IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP J -- SITES 18, 31, 32, 38, AND 42 ARE IN A LATE STAGE OF CONSTRUCTION. SITES 19, 46, 47, AND 53 ARE IN THE MID-STAGE OF CONSTRUCTION. SITE 43 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

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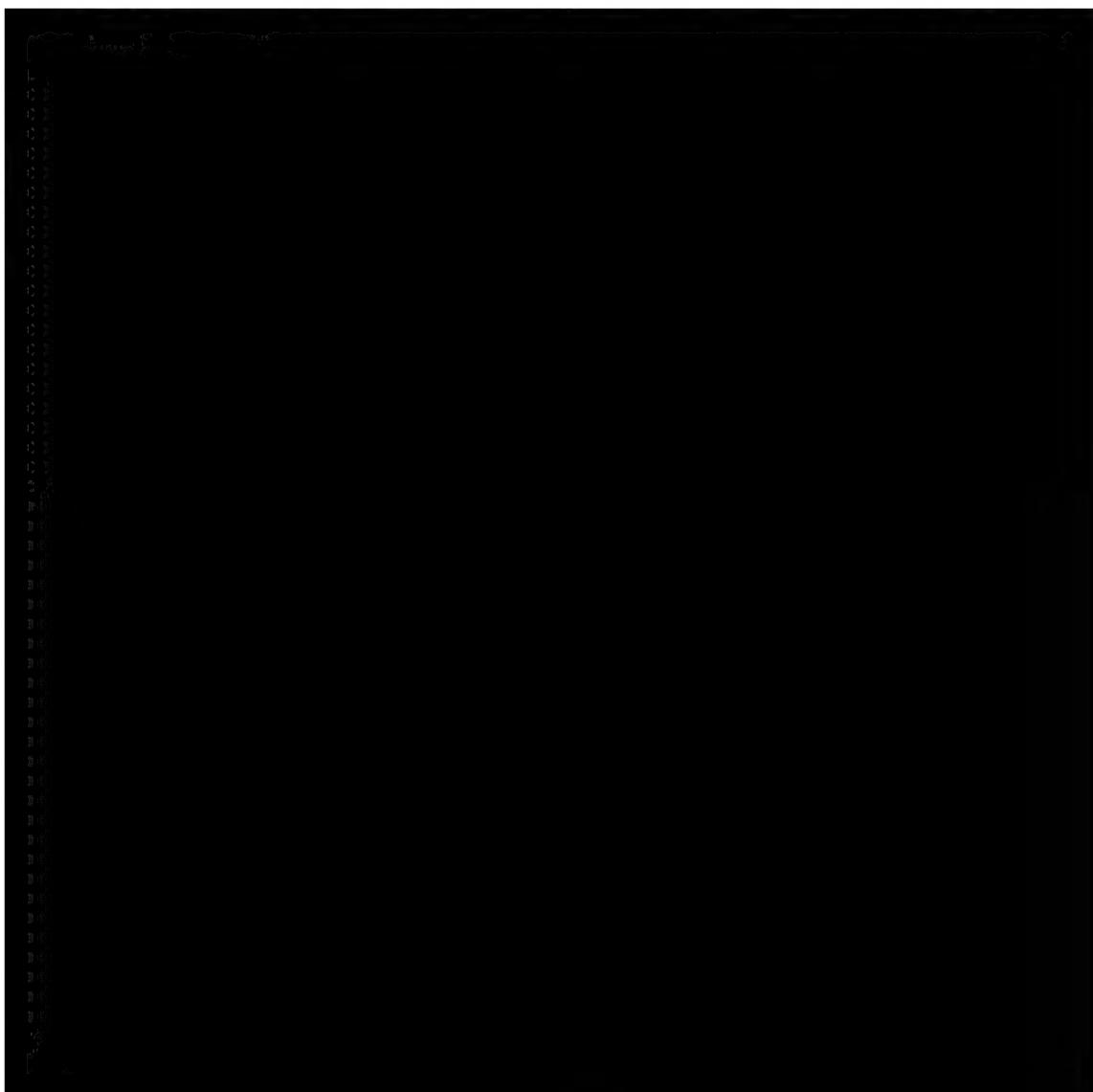
LAUNCH GROUP K -- ALL 10 SITES (9, 24-27, 29, 30, 34, 36, AND 37) ARE IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP L -- SITES 40, 49, 51, 52, AND 54-56 ARE IN THE MID-STAGE OF CONSTRUCTION. SITES 41, 45, AND 50 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

LAUNCH GROUP M -- SITES 63-66 ARE IN AN EARLY STAGE OF CONSTRUCTION. SITES 58 AND 59 ARE IN THE MID-STAGE OF CONSTRUCTION. POSSIBLE SITE 60 AND PROBABLE SITES 61 AND 62 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

TRANSFER POINT SITE 57X IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

25X1D



25X1D

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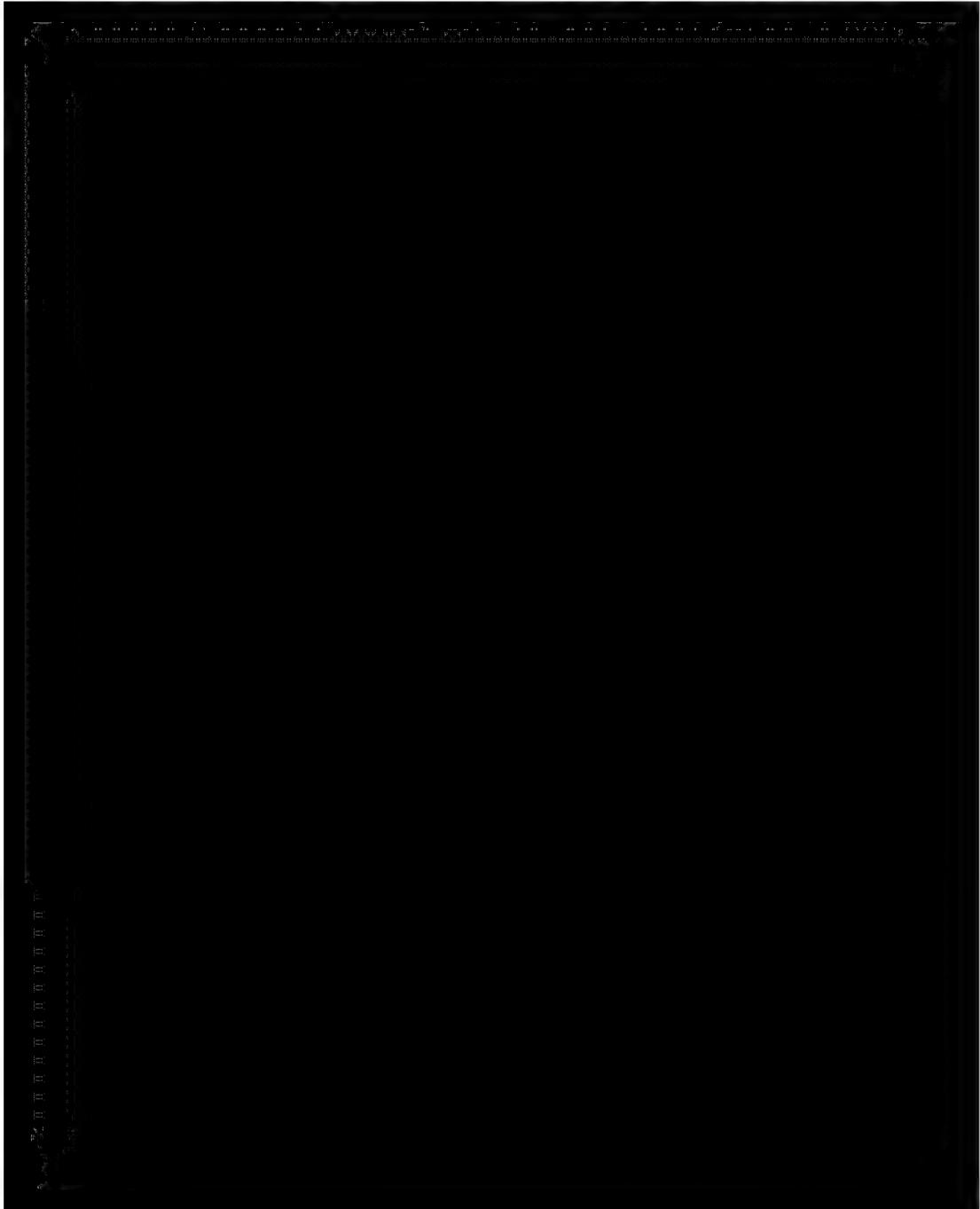
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25X1D



25X1A

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

TWELVE TYPE IIID LAUNCH SITES ARE INTERPRETABLE. NO
SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE

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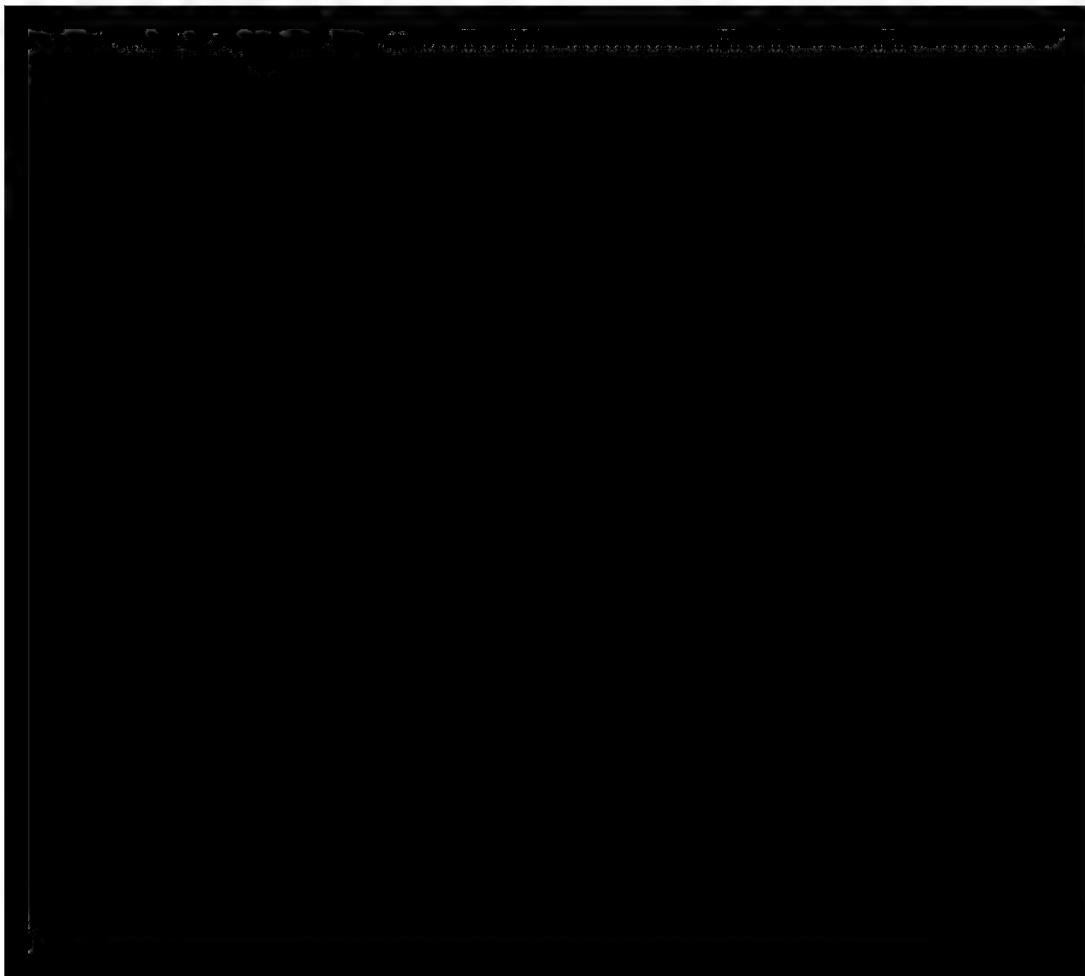
TYPE IID LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP I -- SITES 29-34, 36, 37, AND 40 ARE IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP J -- SITE 42 IS IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP K -- SITE 56 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. SITE 58 IS IN AN EARLY STAGE OF CONSTRUCTION. ONLY NINE SITES ARE PRESENTLY ASSOCIATED WITH THIS GROUP.

25X1D



25X1A

ITATKA ICBM COMPLEX

UR 5650N 08535E



ALL 3 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

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25X1D



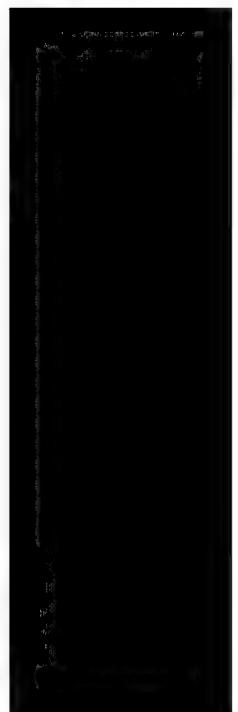
25X1A

SHADRINSK ICBM COMPLEX

UR 5607N 06339E

ALL COMPONENTS OF THE COMPLEX ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

25X1D



PERM ICBM COMPLEX

UR 5742N 05619E

FORTY-ONE TYPE IIID LAUNCH SITES, 5 TYPE II LAUNCH SITES, 1 TYPE IIIA LAUNCH SITE, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIID LAUNCH SITES IS AS FOLLOWS --

LAUNCH GROUP G -- ALL 10 SITES (7, 11-13, 15, 18-20, 23, AND 35) ARE COMPLETE.

LAUNCH GROUP J -- ALL 10 SITES (45-49, 51, 52, 57, 58, AND 61) ARE COMPLETE.

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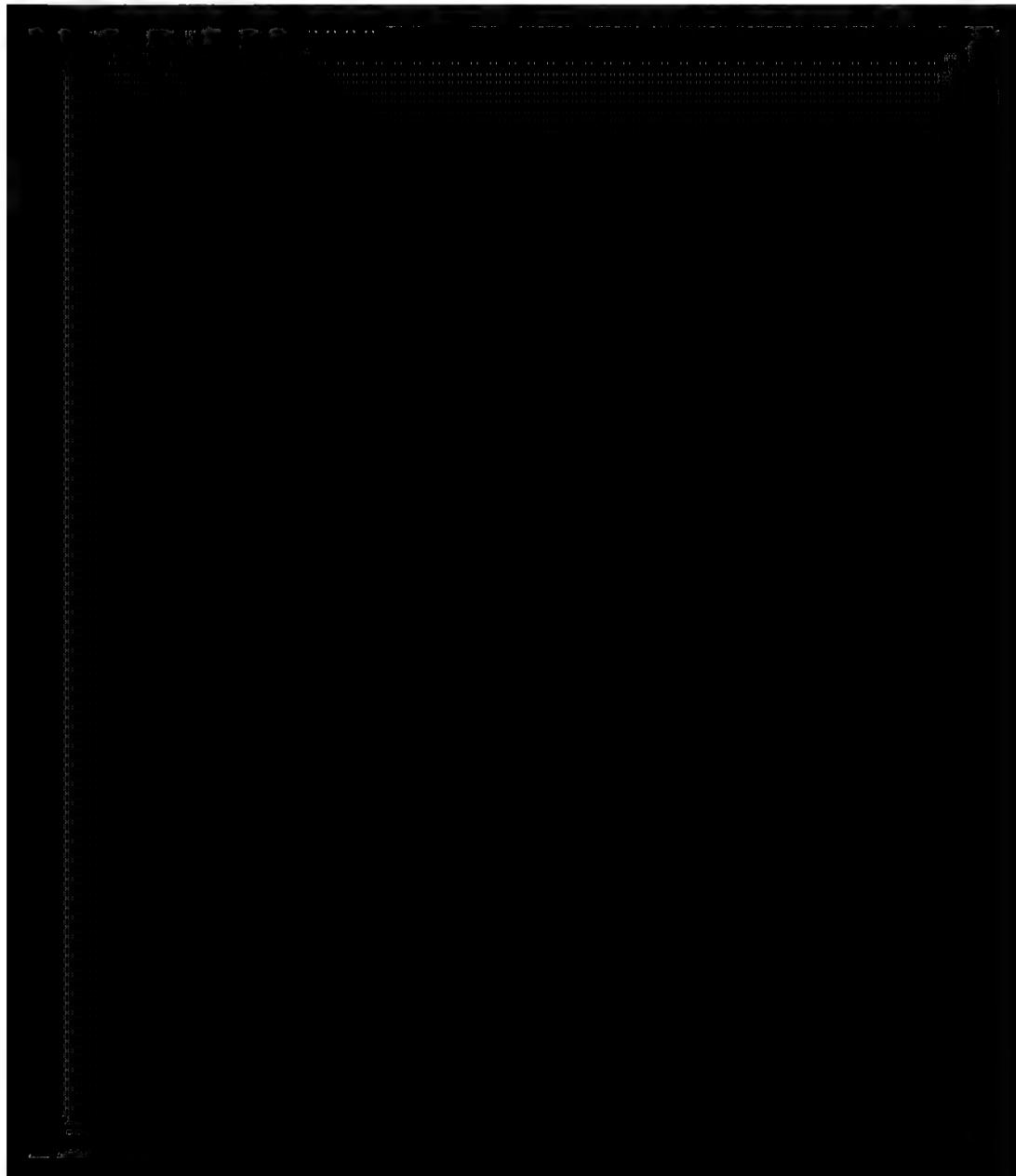
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LAUNCH GROUP H -- SITE 59 IS IN A LATE STAGE OF CONSTRUCTION. SITES 29-34, 36, 40, AND 42 ARE COMPLETE.

LAUNCH GROUP I -- SITE 39 IS IN A LATE STAGE OF CONSTRUCTION. SITES 8, 10, 16, 17, 22, 25, 38, 41, AND 43 ARE COMPLETE.

TRANSFER POINT SITE -- SITE 60X IS IN A LATE STAGE OF CONSTRUCTION.

25X1D



25X1D

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25X1D



25X1A

TEYKOVO ICBM COMPLEX

UR 5652N 04034E

ALL 6 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. BOTH ERECTORS AT SITE 5 ARE IN THE ERECTED POSITION. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



YEDROVO ICBM COMPLEX

UR 5751N 03340E

ALL 20 TYPE IID LAUNCH SITES, 8 SS-7 LAUNCH SITES, THE [REDACTED] COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. AT LAUNCH SITE 5, TWO POSSIBLE MISSILES

25X9

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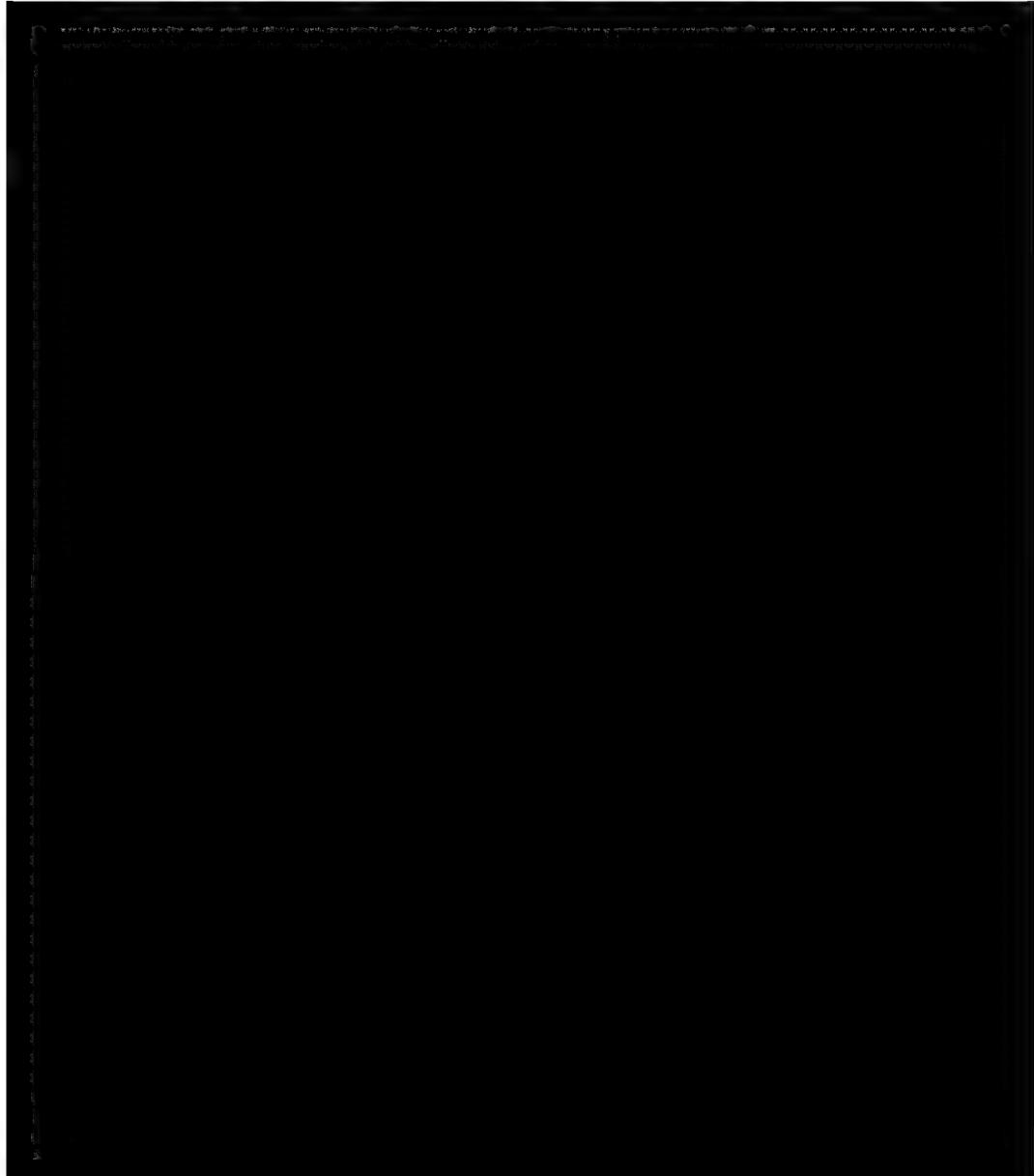
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ARE IN FRONT OF THE LEFT READY BUILDINGS. CONTROL
CABLE DITCHING IS PARTIALLY VISIBLE BETWEEN SOME OF THE
TYPE IIID SITES.

CONSTRUCTION STATUS AND DETAILED DATA FOR ALL TYPE IIID
SITES ARE AS FOLLOWS --

SITES 10, 13, 25, 35, AND 36 ARE IN A LATE STAGE OF
CONSTRUCTION. SITES 11, 12, 14-16, 20, 23, 24, 27, 28,
AND 30-34 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.
NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



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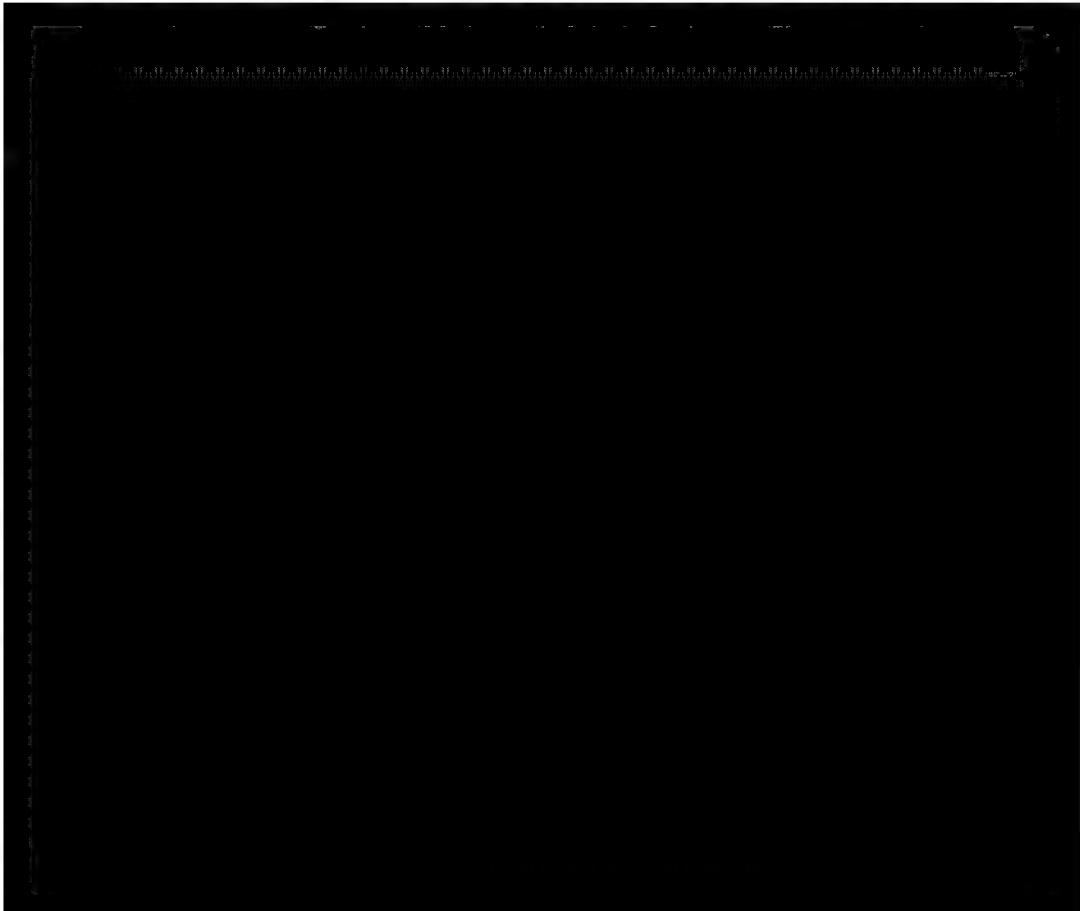
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25X1D



25X1A

OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

THE 81 TYPE IID LAUNCH SITES, THE 3 TYPE IIIA LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. A MODERATE AMOUNT OF CONSTRUCTION MATERIAL AND ACTIVITY IS OBSERVED IN THE COMPLEX SUPPORT FACILITY. FIVE LONG PIECES OF EQUIPMENT ARE OBSERVED IN THE MISSILE HANDLING AREA OF THE RAIL TRANSFER POINT. AT THE 3 ORIGINAL TYPE IIIA SITES, NO SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR THE IID LAUNCH SITES ARE AS FOLLOWS --

GROUP D -- ALL 10 SITES (4-13) ARE COMPLETE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

GROUP E -- ALL 10 SITES (14-23) ARE COMPLETE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

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GROUP G -- ALL 10 SITES (25-34) ARE COMPLETE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

GROUP F -- SITES 35, 36, 38, 40, AND 42 ARE COMPLETE. SITES 37, 39, 41, 43, AND 44 ARE IN A LATE STAGE OF CONSTRUCTION.

GROUP H -- SITE 46 IS COMPLETE. CONSTRUCTION CONTINUES ON THE CONTROL FACILITY. SITES 45, 47-52, 57, AND 58 ARE IN A LATE STAGE OF CONSTRUCTION.

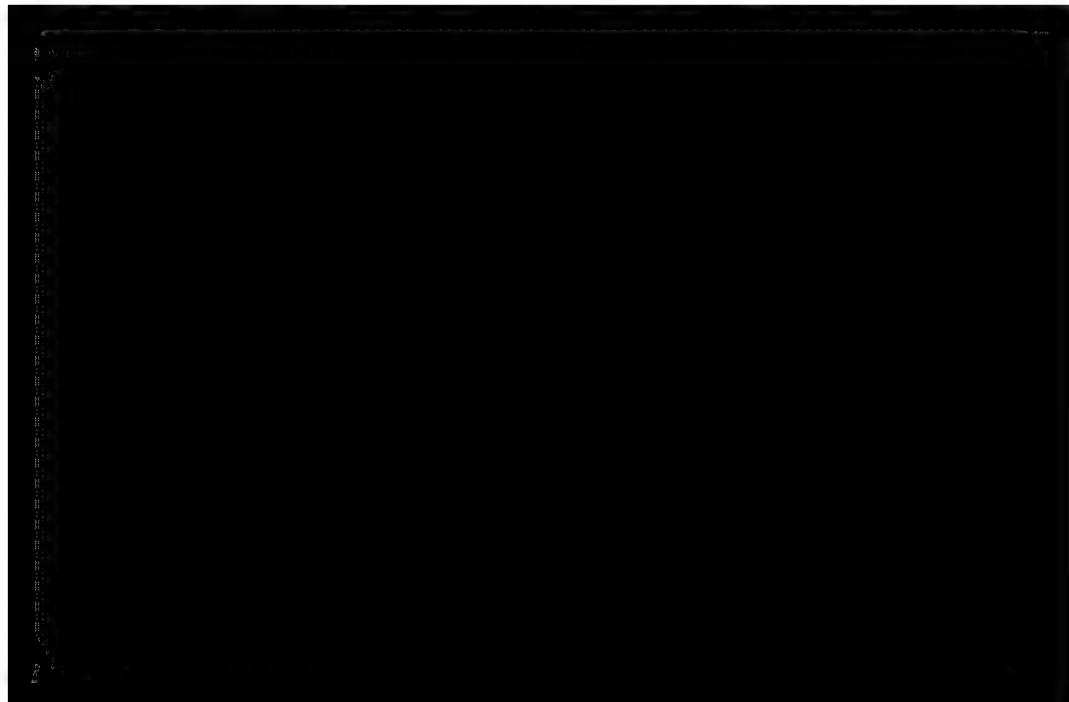
GROUP I -- ALL 10 SITES (55, 56, 59, 78, AND 81-86) ARE IN THE MID-STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE CONTROL BUNKER AT SITE 55.

GROUP J -- ALL 10 SITES (60-62, 64, 65, AND 73-77) ARE IN THE MID-STAGE OF CONSTRUCTION. AT SITE 60, CONSTRUCTION CONTINUES ON TERMINUS POINTS OF THE PREVIOUSLY IDENTIFIED L-SHAPED ELECTRONIC FACILITY, BUT DITCHING/CABLING IS NOT EVIDENT.

GROUP K -- ALL 10 SITES (63, 66-72, 79, AND 80) ARE IN THE MID-STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE CONTROL FACILITY AT SITE 63.

TRANSFER POINT SITE -- SITE 24X IS IN THE MID-STAGE OF CONSTRUCTION.

25X1D



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25X1D



25X1A

ZHANGIZ-TOBE ICBM COMPLEX

UR 4912N 08109E

RECORDED BY

TWENTY-FIVE TYPE IIIC LAUNCH SITES (ONE POSSIBLE), THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. POSSIBLE SITE 26D WAS IDENTIFIED ON THIS MISSION AND IF CONFIRMED, COMPLETES THE D GROUP. AT SITE 4A, A POSSIBLE MISSILE IS BEING TRANSFERRED FROM THE POSSIBLE TRANSPORTER TO THE POSSIBLE ERECTOR/LOADER. THE OVERALL LENGTH OF THE POSSIBLE VEHICLES IS [REDACTED] APPROXIMATELY THE LENGTH OF A TRANSPDRTER AND ERECTOR/LOADER BUTTED END-TO-END.

25X1D

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIIC LAUNCH SITES --

LAUNCH GROUP A -- ALL 6 SITES (1-6) ARE COMPLETE.

LAUNCH GROUP B -- ALL 6 SITES (7-12) ARE COMPLETE.

LAUNCH GROUP C -- ALL 6 SITES (13-18) ARE IN THE MID-STAGE OF CONSTRUCTION AND HAVE COMPLETED SILO LINERS ON THE RECTANGULAR MOUNDS.

LAUNCH GROUP D -- SITE 19 IS NOW IN THE MID-STAGE OF CONSTRUCTION. SITE 20 REMAINS IN THE MID-STAGE OF CONSTRUCTION. SITES 21, 23, AND 24 REMAIN IN AN EARLY STAGE OF CONSTRUCTION. POSSIBLE LAUNCH SITE 26 IS IN AN EARLY STAGE OF CONSTRUCTION. POSSIBLE LAUNCH SITE 25 IS NO LONGER CONSIDERED A VALID SITE AND IS DELETED FROM NPIC LISTINGS.

25X1D



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25X1D



25X1A

ALEYSK ICBM COMPLEX

UR 5229N 08243E

PHOTO

ALL 19 TYPE IIIC LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. AT SITE 20, HEADWORKS POSSIBLY ARE BEING CONSTRUCTED, BUT DUE TO THE MELTING OF SNOW AND POOR INTERPRETABILITY, DETAILS OF CONSTRUCTION ARE NOT DISCERNIBLE. NO OTHER SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIIC LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP A -- ALL 6 SITES (1-3, 5, 6, AND 12) ARE COMPLETE.

LAUNCH GROUP B -- SITES 7-10 ARE IN A LATE STAGE OF CONSTRUCTION. SITES 11 AND 13 ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP C -- SITES 15-18 ARE IN THE MID-STAGE OF CONSTRUCTION. SITES 19 AND 20 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

LAUNCH SITE 14X IS IN THE MID-STAGE OF CONSTRUCTION.

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25X1D

25X1A

IMENI GASTELLO ICBM COMPLEX

UR 5106N 06618E

ALL 25 OF THE TYPE IIIC LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. ALL SITES IN COMPLETED LAUNCH GROUPS A AND B (SITES 1-12) ARE OBSERVED WITH NO SIGNIFICANT ACTIVITY.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP C -- SITES 13-17 ARE NOW IN A LATE STAGE OF CONSTRUCTION. SITE 18 REMAINS IN THE MID-STAGE.

LAUNCH GROUP D -- SITES 19,20,22,23, AND 24 REMAIN IN THE MID-STAGE OF CONSTRUCTION. SITE 25 REMAINS IN AN EARLY STAGE.

LAUNCH SITE 21X REMAINS IN THE MID-STAGE OF CONSTRUCTION.

25X1D

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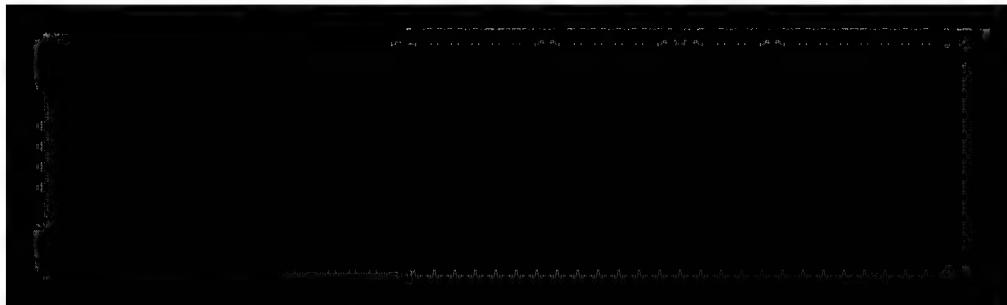
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KH-4 MISSION 1040, 30 MAR-8 APR 67

25X1D



25X1A

TATISHCHEVO ICBM COMPLEX

UR 5140N 04534E



EIGHTY-TWO TYPE IID LAUNCH SITES (INCLUDING 1 PROBABLE AND 1 POSSIBLE), THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. MOVEMENT OF PREFABRICATED CONCRETE PIECES FROM ALONG THE RAIL SPUR INTO THE STORAGE AREA IS OBSERVED AT THE RAILHEAD AND STORAGE AREA OF THE COMPLEX SUPPORT FACILITY. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IID SITES ARE AS FOLLOWS --

LAUNCH GROUP A -- ALL 10 SITES (1-3 AND 5-11) ARE COMPLETE.

LAUNCH GROUP B -- SIX OF THE 10 COMPLETED SITES (12, 14, 15, 17, 29, AND 30) ARE INTERPRETABLE.

LAUNCH GROUP E -- CONSTRUCTION STATUS OF ALL 10 SITES (45, 47, 76, 77, 80, 82, 100, 103, 120, AND 122) IS UNDETERMINED.

LAUNCH GROUP F -- FOUR OF THE 10 SITES ARE INTERPRETABLE. CONSTRUCTION STATUS OF SITES 89 AND 90 IS UNDETERMINED. SITES 63 AND 66 ARE COMPLETE.

LAUNCH GROUP G -- CONSTRUCTION STATUS OF THE 9 INTERPRETABLE SITES (67, 71, 75, 88, 92, 97, 98, 108, AND 137) IS UNDETERMINED.

LAUNCH GROUP H -- CONSTRUCTION STATUS OF ALL 10 SITES (94-96, 101, 102, 119, AND 126-129) IS UNDETERMINED.

LAUNCH GROUP I -- CONSTRUCTION STATUS OF ALL 9 SITES (74, 83-86, 91, 93, 104, AND 136) IS UNDETERMINED.

LAUNCH GROUP J -- CONSTRUCTION STATUS OF ALL 10 SITES (81, 99, 109, 110-112, 115, 117, 118, AND 123) IS

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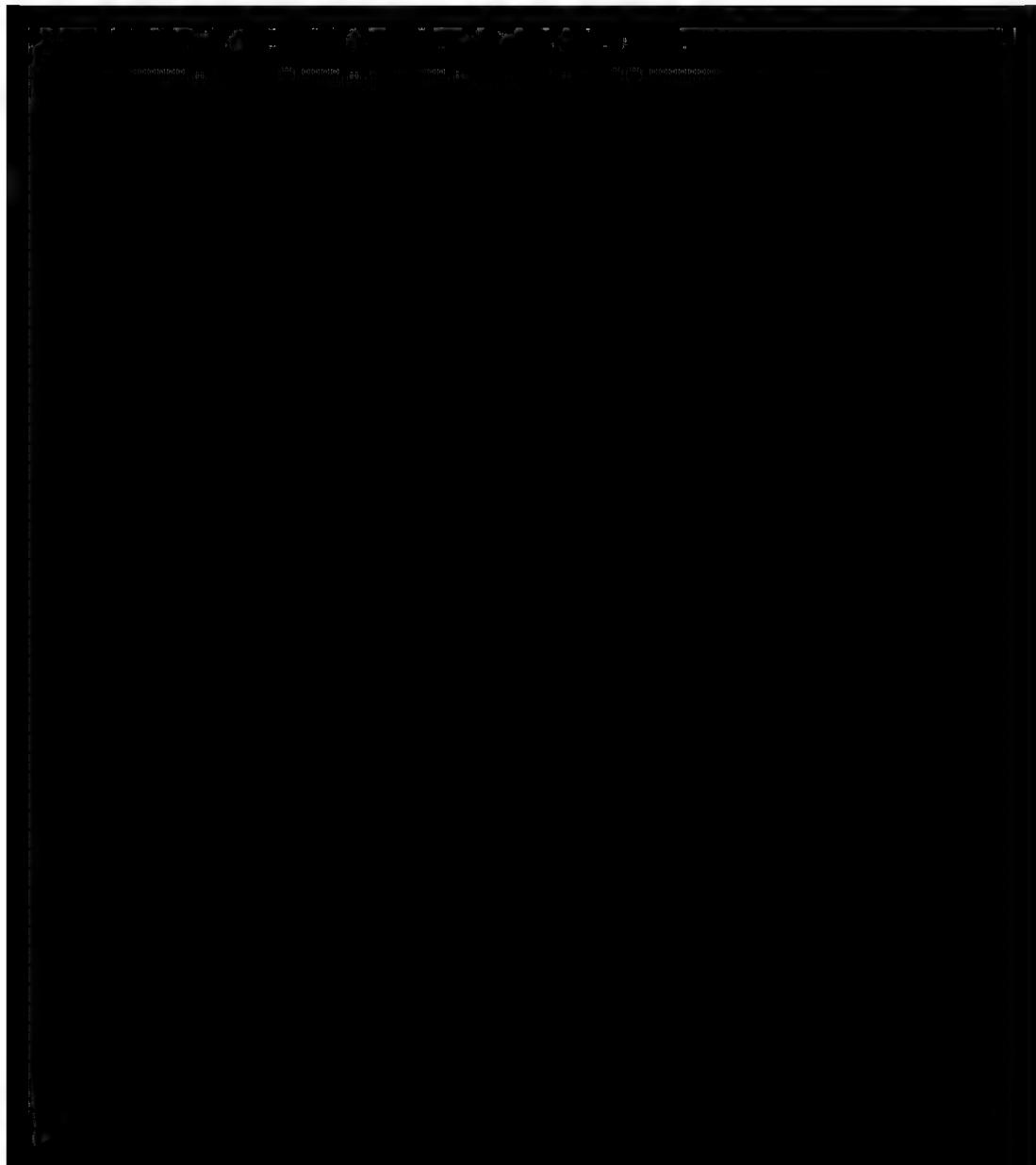
UNDETERMINED.

LAUNCH GROUP K -- CONSTRUCTION STATUS OF ALL 10 SITES
(121, 124, 125, 132-134, AND 138-141) IS UNDETERMINED.

TRANSFER POINT -- SITE 35X IS COMPLETE.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID
SITES WITH GROUP ASSOCIATION UNDETERMINED -- SITE 131,
PROBABLE SITE 142, AND POSSIBLE SITE 116 ARE IN AN
UNDETERMINED STAGE OF CONSTRUCTION.

25X1D



25X1D

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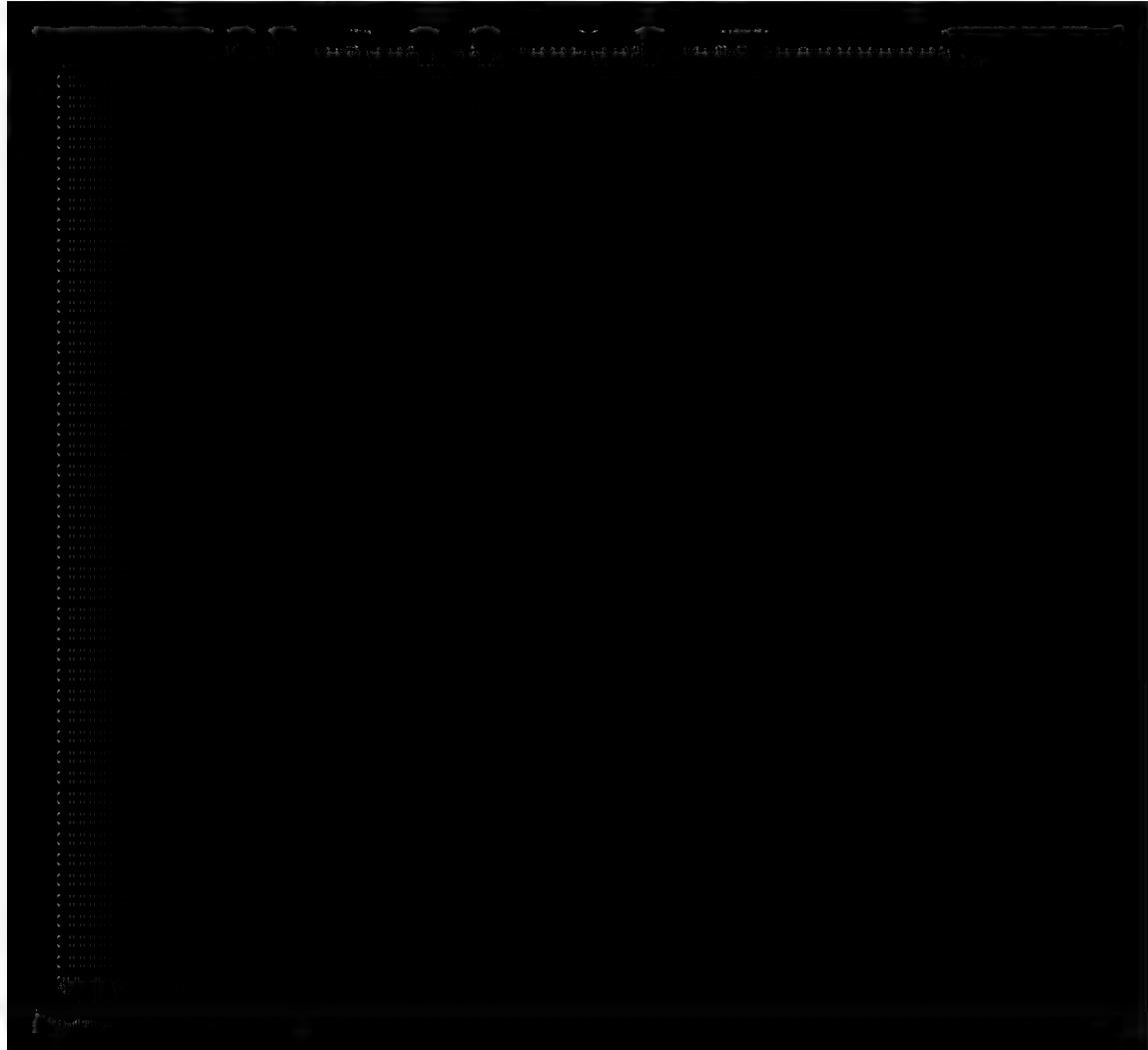
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25X1D



25X1A

GUBA SAYDA NAVAL MISSILE STORAGE

UR 6915N 03321E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

POLYARNYY NVL MISSILE SUPPORT FAC KISLAYA UR 6912N 03330E

OB -- NONE OBSERVED.

25X9

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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TOP SECRET CHESS RUFF TCS-80224/67

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25X1D

25X1A

GUBA PALA NAVAL BASE AND SHIP REPAIR YARD UR 6911N 03325E

OB -- AT LEAST 8 UNIDENTIFIED VESSELS. LOW SUN ANGLE
AND SHADOW PRECLUDE DETAILED INTERPRETATION.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

GUBA LITSA NAVAL MISSILE STORAGE UR 6925N 03226E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

GUBA MOTKA NAVAL BASE UR 6942N 03207E

OB -- NONE OBSERVED.

NO SUBMARINE FACILITIES OBSERVED.

25X1D

VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 UR 4306N 13156E

ONLY THE EAST END OF BUKHTA ZOLOTOY ROG IS VISIBLE.

OB -- 2 LARGE POSSIBLE COMBATANTS AND NUMEROUS
UNIDENTIFIED POSSIBLE COMBATANTS AND MERCHANT VESSELS.

25X9

FOUR SMALL COMBATANTS IN TANDEM FORMATION ARE OBSERVED
APPROXIMATELY 17 NM FROM VLADIVOSTOK HEADING IN A
SOUTHEASTERLY DIRECTION AT HIGH SPEED TOWARD OSTROV
ASKOLD (42-45N 132-00E). A PROBABLE DE/PCE IS OBSERVED
HEADING AT HIGH SPEED TOWARD THE FORMATION IN A

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SOUTHWESTLY DIRECTION FROM THE BUKHTA ABREK AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

GUBA URA SUBMARINE BASE

UR 6919N 03250E

OB -- 2 AUXILIARIES AND AT LEAST 7 POSSIBLE VESSELS AT PIERS. LOW SUN ANGLE AND SHADOW PRECLUDE MORE DETAILED INTERPRETATION.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

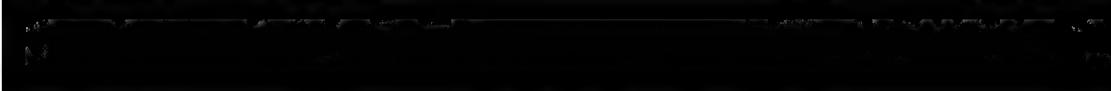
25X1D



DUNAY NAVAL MISSILE STORAGE

UR 4256N 13220E

25X9



NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



DUNAY SUBMARINE BASE BUKHTA RAZBOYNIK

UR 4253N 13221E

OB -- 2 UNIDENTIFIED LARGE SS, 1 POSSIBLE SMALL COMBATANT, 1 DNEPR-CLASS AR, 2 LARGE AG, 2 LARGE YAGT, 1 EMPTY FLOATING DOCK, 1 FLOATING CRANE, AND NUMEROUS UNIDENTIFIED SMALL CRAFT.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

DALNIYE ZELENTSY SUBMARINE BASE

UR 6904N 03617E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MOSKVA SAM STORAGE SITE 1

UR 5559N 03820E

NO NON-SA-1 TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR OTHER PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MOSKVA SAM STORAGE SITE 7

UR 5607N 03729E

NO NON-SA-1 TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

NIZHNIY TAGIL SAM SUPPORT FACILITY

UR 5752N 06002E

COMPLETED TYPE I SAM SUPPORT FACILITY CONTAINS 1 LARGE AND 2 SMALL DRIVE-THROUGH BUILDINGS, 1 LARGE AND 4 SMALLER BUILDINGS, AND 1 SMALL SECURITY BUILDING.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

KALININ SAM TRAINING FACILITY

UR 5652N 03552E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



**Air
Facilities**

KH-4 MISSION 1040, 30 MAR-8 APR 67

25X1A

AIR FACILITIES

TYURATAM AIRFIELD

UR 4536N 06311E

OB [REDACTED] 3 CAT/CUB, 3 LIGHT STRAIGHT-WING, 3 SMALL STRAIGHT-WING, AND 5 POSSIBLE HELICOPTERS.

[REDACTED] 7 CAT/CUB, 7 MEDIUM STRAIGHT-WING, 12 LIGHT STRAIGHT-WING, AND 3 POSSIBLE HELICOPTERS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SREDNIY AIRFIELD

UR 7930N 09109E

OB -- 6 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SEMIPALATINSK AIRFIELD

UR 5021N 08014E

OB -- 7 SMALL SWEPT/DELTA-WING, 9 LIGHT STRAIGHT-WING, 8 SMALL STRAIGHT-WING, AND AT LEAST 22 SMALL PROBABLE AIRCRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

WEN-SU AIRFIELD

CH 4117N 08020E

OB -- NONE OBSERVED.

CONSTRUCTION STATUS IS UNDETERMINED.

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7

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25X1A

SMORGON AIRFIELD NORTHWEST

UR 5431N 02619E



OB -- 2 LIGHT STRAIGHT-WING AND 2 PROBABLE SMALL
STRAIGHT-WING.

THE AIRFIELD IS EQUIPPED WITH ILS AND GCA.
THE PARALLEL PROBABLE RUNWAY, PREVIOUSLY REPORTED AS
BLACKTOP, IS NATURAL SURFACE.

25X1D



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**Nuclear
Energy**

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25X2

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**Naval
Activity/
Ports**

KH-4 MISSION 1040, 30 MAR-8 APR 67

25X1A

NAVAL ACTIVITY/PORTS

WEI-CHOU TAO SUSPECT SHIPYARD

CH 2102N 10903E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ZALIV VOSTOK NAVAL BASE LIVADIYA

UR 4252N 13241E

OB -- SEVERAL UNIDENTIFIED SMALL VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

GORKIY SHIPYARD & HEAVY EQUIP PLT 112

UR 5622N 04352E

OB -- 2 POSSIBLE TRANSPORTER DOCKS, 1 POSSIBLE APL, AND
SEVERAL SMALLER UNITS IN THE BASIN AND AT THE QUAY.

THE ROOF ON THE LARGE NEW BUILDING IS 75 PERCENT
COMPLETE. WORK ON THE QUAY CONTINUES.

25X1D

MAGADAN SUB BASE & SHIP REPAIR YARD

UR 5932N 15045E

SEVERAL POSSIBLE VESSELS ARE OBSERVED IN THE ICE AT THE
NAVAL PIER. SEMIDARKNESS PRECLUDES COUNT OR
IDENTIFICATION OF VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TOP SECRET CHESS RUFF

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25X1A

HA TOU SHIPYARD

VN 2056N 1070E

OB -- NONE OBSERVED.

CONSTRUCTION APPEARS TO BE CONTINUING ON A QUAY ON THE NE EDGE OF THE DREDGED BASIN. NO APPARENT CHANGE IN FACILITIES OBSERVED.

25X1D



PEVEK PORT FACILITIES

UR 6942N 17016E

OB -- NONE OBSERVED.

FIVE MERCHANT SHIPS ARE OBSERVED MOORED IN THE ICE.

25X1D



UNGGI NAVAL BASE

KN 4220N 13023E BONUS 1

0.1 NM SE OF UNGGI.

FACILITIES INCLUDE 2 LARGE BUILDINGS AND 7 SMALLER SUPPORT BUILDINGS. BERTHING FACILITIES INCLUDE 2 POSSIBLE FINGER PIERS/PONTOON WHARVES.

OB -- SEVERAL UNIDENTIFIED SMALL VESSELS AT PIERS AND MEDITERRANEAN MOORED AT THE BASE AREA.

25X1D



UNGGI PORT FACILITIES

KN 4220N 13023E BONUS 2

0.1 NM SE OF UNGGI.

FACILITIES INCLUDE 2 QUAYED AREAS (1 PROTECTED BY 2 BREAKWATERS). NO STORAGE FACILITIES ARE WITHIN THE PORT AREA. A SMALL BOATYARD AND A NAVAL BASE ARE ALSO WITHIN THE BREAKWATERS.

25X1D



NAJIN SHIPYARD 28

KN 4214N 13018E BONUS 3

ON THE EAST SIDE OF NAJIN PORT FACILITY.

FACILITIES INCLUDE 2 BUILDING/REPAIR WAYS, 1 LARGE FABRICATION BUILDING, 1 POSSIBLE HEAT PROCESS BUILDING,

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26 ADDITIONAL SUPPORT BUILDINGS, AND EXTENSIVE QUAYED AREAS.

OB -- 2 POSSIBLE MEDIUM COMBATANT VESSELS ON WAYS (1 APPEARS TO BE COMPLETE WITH A TOPSIDE SUPERSTRUCTURE AND 1 APPEARS TO BE A HULL ONLY).

25X1D

NAJIN SHIP REPAIR FACILITY

KN 4214N 13017E BONUS 4

AT THE NAJIN PORT FACILITY.

FACILITY IS IN EARLY STAGES OF CONSTRUCTION. A LARGE GRAVING DOCK IS UNDER CONSTRUCTION. APPROXIMATELY 11 CONSTRUCTION SITE SUPPORT STRUCTURES ARE SITUATED ABOUT THE GRAVING DOCK.

OB -- NONE OBSERVED.

25X1D

NAJIN PORT FACILITIES

KN 4213N 13017E BONUS 5

AT THE NAJIN URBAN COMPLEX.

FACILITIES INCLUDE 3 MOLES (1 RAIL SERVED AND WITH 3 TRANSIT SHEDS), 1 WAREHOUSE, 1 ADMINISTRATION BUILDING, 10 POSSIBLE HORIZONTAL POL TANKS, AND A COAL LOADING FACILITY ON THE SOUTHERNMOST MOLE. A MINOR NAVAL FACILITY IS AT THE NORTH END OF THE PORT FACILITY.

OB -- 1 FREIGHTER AND SEVERAL SMALL VESSELS.

25X1D

NAJIN NAVAL FACILITY

KH 4217N 13017E BONUS 6

COLLOCATED WITH NAJIN PORT FACILITIES.

FACILITIES INCLUDE BERTHING FOR VESSELS AT THE NORTH SIDE OF THE NORTHERNMOST PORT FACILITY MOLE. THE INSTALLATION CONTAINS APPROXIMATELY 5 SMALL SUPPORT BUILDINGS AT THE NORTH END AND SOMEWHAT APART FROM THE PORT FACILITY.

OB -- 3 SMALL POSSIBLE COMBATANTS.

25X1D

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**Biological/
Chemical
Warfare**

25X2

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**Electronics/
Communications**

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25X1A

ELECTRONICS/COMMUNICATIONS

BOLOTNOYE VLF COMMUNICATIONS FACILITY UR 5545N 08426E

NO SIGNIFICANT CHANGE OBSERVED.



25X1C

TYSP-NAVOLOK GM RADAR FACILITY SEARCH UR 6945N 03305E

NO BUILDINGS, ANTENNAS, OTHER STRUCTURES, OR EQUIPMENT
OBSERVED.



25X1C

PUMMANKI PROBABLE COASTAL DEFENSE FAC UR 6946N 03145E

THERE APPEARS TO BE SOME CHANGE IN THE FACILITY, BUT
SMALL SCALE PRECLUDES IDENTIFYING DETAILS.



25X1C

TYURATAM INSTRUMENTATION FACILITY UR 4542N 06318E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1C

GORKIY/SORMOVO RADAR ASBLY & TEST AREA UR 5619N 04347E

NO SIGNIFICANT CHANGE OBSERVED.



25X1C

SHUANG-CHENG-TZU POSS DNRGE INSTR SITE CH 4125N 08925E

NO INSTRUMENTATION SITE OBSERVED.



25X1C

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DIKSON DUAL TALL KING-AD HQ RADAR FAC UR 7330N 08020E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1C



KAPUSTIN YAR INSTRUMENTATION FACILITY UR 4840N 04926E

NO SIGNIFICANT CHANGE OBSERVED.

25X1C



KAPUSTIN YAR POSS INSTRUMENTATION FAC UR 4843N 05012E

NO SIGNIFICANT CHANGE OBSERVED.

25X1C



SMIDOVICH TALL KING-AW RADAR FACILITY UR 7512N 05603E

17 NM NE OF SMIDOVICH.

FACILITY CONSISTS OF 1 TALL KING ANTENNA, 1 ANTENNA
BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING.
FIVE SUPPORT BUILDINGS ARE 2,000 FT EAST.

25X1C



KOLPASHEVO PROBABLE ESV TRACKING FACILITY UR 5819N 08255E NO COMOR

0.5 NM NORTH OF KOLPASHEVO.

SECURED FACILITY CONSISTS OF 1 ENVIRONMENTAL DOME,
APPROXIMATELY 50 FT IN DIAMETER, MOUNTED ON A BUILDING,
1 CONTROL BUILDING WITH 4 PROBABLE TELEMETRY ANTENNAS
MOUNTED ON TOP, 1 POSSIBLE PEDESTAL-MOUNTED TELEMETRY
ANTENNA, 1 PROBABLE CALIBRATION TOWER, 2 DOUBLE
DAY-NIGHT RHOMBICS, NUMEROUS MASTS, AND 14 SUPPORT
BUILDINGS.

(SEE ATTACHMENT)

25X1C



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ABEZ TRACKING FACILITY

UR 6632N 06145E BONUS 1

1 NM NORTH OF ABEZ.

NEWLY IDENTIFIED FACILITY CONSISTS OF AN ENVIRONMENTAL DOME, APPROXIMATELY 80 FT IN DIAMETER, SITUATED AT OR NEAR GROUND LEVEL AND ADJACENT TO A [REDACTED] POSSIBLE CONTROL BUILDING. APPROXIMATELY 10 OTHER SUPPORT SERVICE BUILDINGS ARE NEARBY.

(SEE ATTACHMENT)



25X1D

25X1D

**Military
Activity**

KH-4 MISSION 1040, 30 MAR-8 APR 67

25X1A

MILITARY ACTIVITY

BORZYA ARMY BARRACKS SW AL 1

UR 5023N 11631E

OB [REDACTED] APPROXIMATELY 50 VEHICLES/PIECES OF EQUIPMENT.

AREA APPEARS OCCUPIED AND ALL PORTIONS APPEAR ACTIVE.

[REDACTED]

DAURIYA ARMY BARRACKS AL 1

UR 4956N 11651E

OB -- APPROXIMATELY 75 VEHICLES/PIECES OF EQUIPMENT.

THE CONSTRUCTION REPORTED [REDACTED] CONTINUES IMMEDIATELY NE OF THE INSTALLATION. AT LEAST 3 PROBABLE BARRACKS AND 3 STORAGE/SUPPORT BUILDINGS APPEAR TO BE COMPLETE.

[REDACTED]

MIRNAYA ARMY BARRACKS AL 1

UR 5045N 11604E

TWO POSSIBLE BARRACKS ARE UNDER CONSTRUCTION.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[REDACTED]

FU-HSIEN ARMY BARRACKS EAST

CH 3937N 12201E

1.2 NM EAST OF FU-HSIEN.

THE FACILITY CONSISTS OF 3 SECURED AREAS -- AREA A, 1.2 NM EAST OF THE CENTER OF FU-HSIEN, CONTAINS 58 BARRACKS, 4 MULTIWING ADMINISTRATION BUILDINGS, 15 POSSIBLE QUARTERS, 1 AUDITORIUM, 4 MESSHALLS, 8 VEHICLE STORAGE BUILDINGS, 13 EQUIPMENT STORAGE BUILDINGS, 4 MACHINE SHOPS, APPROXIMATELY 45 STORAGE BUILDINGS, 1 SMALL-ARMS FIRING RANGE, 1 POSSIBLE ATHLETIC FIELD, AND A TRAINING AREA.

AREA B, 0.5 NM SE OF AREA A, CONTAINS 27 BARRACKS, 2

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POSSIBLE ADMINISTRATION BUILDINGS, 1 AUDITORIUM, 4 EQUIPMENT STORAGE BUILDINGS, 4 EXPLOSIVES BUILDINGS, AND 18 SUPPORT/STORAGE BUILDINGS.

AREA C, 0.5 NM NE OF AREA B, CONTAINS 16 BARRACKS, 2 MESSHALLS, 1 AUDITORIUM, 1 ADMINISTRATION BUILDING, 16 EQUIPMENT STORAGE BUILDINGS, 4 POSSIBLE AMMUNITION STORAGE BUILDINGS, AND 24 STORAGE/SUPPORT BUILDINGS.

NO VEHICLES OR EQUIPMENT ARE OBSERVED IN ANY OF THE 3 AREAS. ALL AREAS APPEAR MODERATELY ACTIVE.

25X1D



TOP SECRET CHESS RUFF

Attachments

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ATTACHMENT 1



PROBABLE EARTH SATELLITE VEHICLE TRACKING FACILITY, KOLPASHEVO, USSR (NON COMOR).

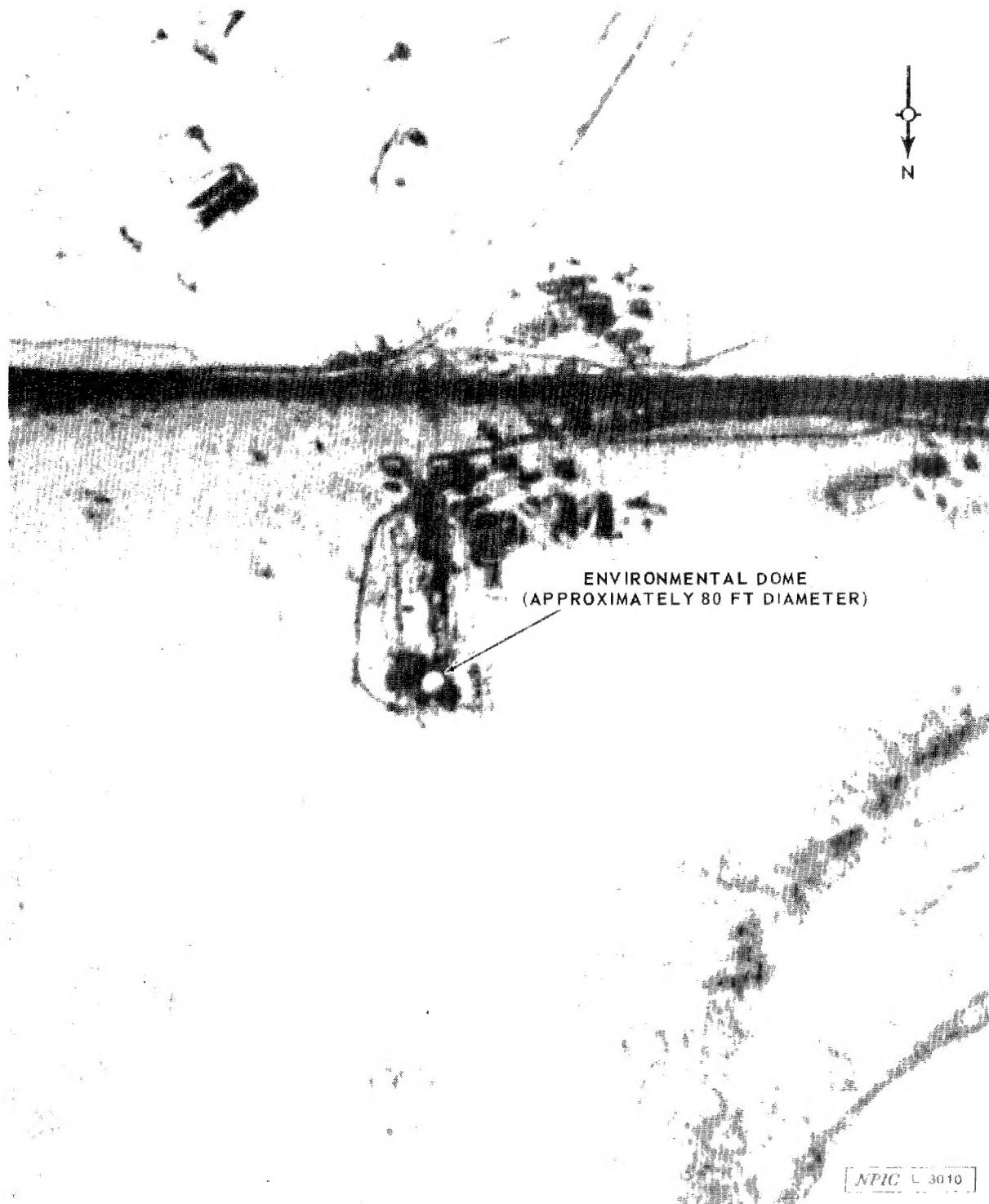
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~~TOP SECRET CHESS RUFF~~ 1396R000100320001-7
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ATTACHMENT 2



TRACKING FACILITY, ABEZ, USSR (ELECTRONIC BONUS).

25X6

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TOP SECRET

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TOP SECRET